MONTHLY BULLETIN

OF

THE OBSERVATORY

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1924

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

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JANUARY 1924

J. A. BROWN, DIRECTOR

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Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

JANUARY 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	763.8	763.2	764.7	763.9	18.5	12.0		6.1	
2	4.9	2.3	1.4	2.9	17.8	12.1		6.5	
3	3.0	2.4	2.9	2.8	18.3	13.7		3.0	3.69
4	2.7	3.0	4.8	3.5	16.2	13.2		1.2	6.10
5	6.7	6.6	6.9	6.7	16.8	12.0	—	7.8	0.25
6	5.4	3.0	1.9	3.1	17.5	12.2		7.0	
7	57.6	55.2	56.0	56.3	17.9	13.5		6.7	8.51
8	5.8	6.0	7.6	6.5	14.9	9.2		3.0	25.53
9	60.3	9.6	60.1	0.0	16.3	11.1		0.4	
10	2.9	63.2	4.8	3.6	15.8	10.7	—	0.8	9.52
11	5.9	4.3	2.8	4.3	17.1	11.5		6.9	
12	59.9	58.8	1.9	0.2	20.4	13.7		3.7	6.86
13	61.0	9.9	0.0	0.3	14.4	9.5		0.0	15.24
14	59.9	9.4	1.0	0.1	15.2	9.5		0.0	11.68
15	64.0	64.1	5.3	4.5	15.7	10.2	—	3.1	1.52
16	6.7	6.3	7.4	6.8	15.8	10.3		1.2	6.60
17	8.8	8.0	8.8	8.5	16.3	10.2		8.7	3.43
18	8.0	5.9	4.9	6.3	16.2	10.4		8.7	
19	2.3	59.1	59.3	0.2	19.1	11.6		2.9	
20	57.7	6.3	6.7	56.9	17.7	14.9	—	3.4	8.68
21	8.6	8.2	9.5	8.8	16.3	9.2		3.8	12.44
22	8.1	5.8	4.7	6.2	16.6	10.2		0.2	7.74
23	1.4	0.0	0.7	0.7	14.8	9.3		0.7	23.60
24	3.2	6.2	8.8	6.1	15.7	8.3		0.0	43.55
25	9.1	8.0	9.5	8.9	17.2	8.9	—	3.3	2.16
26	60.1	9.2	9.5	9.6	19.3	13.0		6.2	
27	56.0	6.0	7.5	6.5	16.8	12.8		0.2	20.82
28	8.6	7.9	9.1	8.5	14.0	10.9		0.0	8.25
29	62.8	62.9	62.8	62.8	12.9	7.9		4.2	5.72
30	59.8	57.4	57.8	58.3	15.3	7.9		0.0	
31	9.5	9.9	61.2	60.2	15.1	10.3		5.7	
	760.8	760.3	761.0	760.7	16.5	10.9		3.4	231.8

BAROMETER

Maximum	768.8	on 17th
Minimum	750.0	on 23rd

THERMOMETER

Maximum	20.4	on 12th
Minimum	7.9	on 29th & 30th
Minimum on grass		on

RAINFALL

Maximum 43.55 mm. on 24th

Number of days with rain 21 thunderstorms 2 fog 0 gale 4

JANUARY 1924

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	14.9	18.1	14.0	15.7	10.6	13.8	11.7	7.3	9.4	9.0	8.6	58	61	75	65
2	14.3	17.4	15.8	15.8	10.3	11.3	11.6	9.8	9.6	8.0	9.1	60	47	60	56
3	16.3	16.9	14.7	16.0	13.8	13.2	12.9	9.7	9.1	10.0	9.6	70	64	80	71
4	15.3	14.9	13.6	14.6	11.6	12.9	12.4	8.2	9.5	9.9	9.3	63	77	85	75
5	14.1	16.6	13.8	14.8	12.1	13.8	12.6	9.3	10.1	10.1	9.8	79	72	86	79
6	13.7	15.9	14.2	14.9	10.6	12.6	10.9	7.9	8.5	8.0	8.1	68	59	67	64
7	14.5	16.7	14.2	15.1	10.8	12.7	11.4	7.8	8.7	8.5	8.3	64	61	71	65
8	11.3	14.7	14.4	13.5	10.7	12.9	11.3	8.8	10.1	8.3	9.1	85	80	68	78
9	12.7	15.8	14.3	14.3	10.6	12.8	12.0	8.4	9.2	9.1	8.9	77	69	76	74
10	13.1	15.3	12.9	13.8	11.2	12.1	11.1	8.8	8.7	8.8	8.8	78	68	80	75
11	14.3	17.0	15.3	15.5	12.3	13.2	10.8	9.5	9.2	7.5	8.7	78	64	57	66
12	18.4	18.6	10.9	16.0	12.6	14.2	10.3	7.9	9.6	9.0	8.8	50	60	92	67
13	13.1	11.9	9.9	11.6	10.9	10.8	9.7	8.5	9.0	8.6	8.7	75	88	94	86
14	12.6	12.0	13.0	12.5	9.9	10.7	11.3	7.7	8.7	9.0	8.5	72	83	81	79
15	11.6	14.0	12.9	12.8	10.7	12.2	10.9	9.0	9.2	8.6	8.9	88	74	78	80
16	12.7	15.5	10.8	12.7	10.8	11.9	9.9	8.5	8.4	8.5	8.5	77	64	89	77
17	12.9	16.0	12.8	13.9	10.9	13.2	11.2	8.5	9.7	9.0	9.1	78	71	81	77
18	12.1	16.6	12.3	13.7	8.9	11.8	9.4	6.9	7.9	7.2	7.3	66	56	67	63
19	15.7	18.4	17.1	17.1	10.4	13.4	12.6	6.9	8.7	8.5	8.0	52	54	59	55
20	17.4	17.3	16.0	16.9	14.3	13.5	12.3	10.2	9.3	8.6	9.4	69	63	64	65
21	10.8	15.2	12.3	12.4	9.7	13.0	10.4	8.3	9.8	8.3	8.8	87	76	78	80
22	14.3	14.7	9.9	12.9	10.6	11.7	9.1	7.6	8.5	8.1	8.1	63	68	90	74
23	13.6	11.8	10.5	12.0	10.2	10.1	9.7	7.6	8.2	8.6	8.1	65	79	91	78
24	14.8	15.2	14.2	14.7	12.5	11.8	11.4	9.4	8.5	8.5	8.8	75	66	71	71
25	13.5	16.8	15.7	15.3	8.8	11.6	10.8	6.3	7.5	7.3	7.0	55	51	55	54
26	15.7	18.1	15.2	16.3	12.8	14.2	13.0	9.3	9.8	9.9	9.7	70	63	76	70
27	16.5	13.3	13.1	14.3	14.8	12.8	10.6	11.4	10.6	8.1	9.7	84	93	72	83
28	9.9	11.2	8.5	9.9	9.5	10.3	8.2	8.5	8.8	7.9	8.4	94	89	96	93
29	10.4	12.7	9.7	10.9	8.5	9.3	7.9	7.2	7.0	7.0	7.1	77	65	78	73
30	12.1	15.0	12.8	13.3	8.4	10.2	9.6	6.5	7.0	7.3	6.9	61	54	66	60
31	12.1	14.8	11.7	12.9	10.3	11.5	10.7	8.3	8.3	9.0	8.5	80	67	87	78
	13 7	15.5	13.1	14.1	11.0	12.2	10 9	8.4	8.9	8.5	8.6	71	68	76	72

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JANUARY 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	2cu s	1	1	1.3	0	2	0	274.2	slight	
2	1s	3cu ci	10cu n	4.7	0	2ne	0	220.2	v. slight	
3	8	3	10n	7.0	0	2	0	189.3	,,	tr. at 7 a.m.
4	9n	9n	5n	7.7	1	1s	3	426.7	slight	gale
5	3	2	0	1.7	0	1	0	204.9	v. slight	
6	2n	6cu ci	2	3.3	1	0	0	86.8	calm	
7	0	3n	10n	4.3	0	4	0	138.1	slight	
8	10n	3n	0	4.3	0	2	2ne	360.1	,,	lightning and
9	9cu ci	10	9n	9.3	0	0	2	124.2	calm	thunder
10	10cu n	9cu n	0	6.3	0	2	0	190.9	v. slight	
11	6ci	8ci	0	4.7	0	2ne	0	120.1	calm	
12	8cu ci	8n	10n	8.7	2	3s	0	121.0	slight	
13	10n	10n	10n	10	3s	2	0	307.6	,,	gale at night
14	9cu n	10n	10n	9.7	0	2s	2	399.7	rough	
15	9n	9n	8cu n	8.7	0	2	0	140.5	calm	
16	9cu n	10cu n	5	8.0	0	0	0	229.2	v. slight	
17	0	1	2ci	1.0	0	Inw	0	196.9	calm	
18	0	1ci	0	0.7	0	1ne	0	53.4	,,	
19	8	6cu ci	10cu n	8.0	3	3ne	1se	140.8	v. slight	
20	8cu n	2	10cu n	6.7	1n	2	3	226.1	slight	lightning, hail
21	7cu ci	3n	5cu n	5.0	0	2s	0	219.4	,,	lightning
22	10cu n	10cu n	2	7.3	2s	2s	0	247.0	,,	tr. at night
23	9cu n	9n	10n	9.3	3s	3s	4s	536.4	rough	lightning, gale
24	8cu n	9cu n	9cu n	8.7	5	4	2	758.5	,,	hail at night
25	8	9cu ci	2	6.3	3s	3s	1s	537.1	,,	gale
26	3ci	8ci	0	3.7	0	2s	0	329.6	slight	
27	10cu n	10n	3n	7.7	2	1	3w	208.9	v. slight	
28	10n	10n	9n	9.7	0	0	2	215.8	slight	
29	8cu n	3	2	4.3	0	0	0	285.4	v. slight	
30	9cu ci	10	2	7.0	2se	1n	0	155.1	,,	
31	5n	1	2	2.7	0	2	0	136.3	calm	tr.
				6.1				251.0		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	1	4	6	0	0	19
2:30	1	4	0	0	8	12	0	1	5
8:30	0	1	0	1	2	6	1	0	20
Totals	2	5	0	2	14	24	1	1	44

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.